

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A heat exchanger of a ventilating system, comprising:
a plurality of heat exchanging plates which are being laminated at a predetermined interval;
a first heat exchange member which is being laminated among the heat exchanging plates, the first heat exchange member having a folded corrugated shape including a first plurality of upper bends, a first plurality of lower bends, a first plurality of wall portions connecting adjacent first upper bends and first lower bends, each first wall portion having a plurality of through holes arranged in both a longitudinal direction and a transverse direction therein, and the first heat exchange member is being formed in a mesh type to increase turbulence of the outdoor air which flows while being attached on a first air path through which outdoor air passes; and
a second heat exchange member which is laminated among the heat exchanging plates crossed with the first heat exchange member, the second heat exchange member having a folded corrugated shape including a second plurality of upper bends, a second plurality of lower bends, a second plurality of wall portions connecting adjacent second upper bends and second lower bends, each second wall portion having a plurality of through holes arranged in both a longitudinal direction and a transverse direction therein, and is the second heat exchange member being formed in a mesh type to increase turbulence of indoor air which flows while being attached on a second air path through which the indoor air passes.
2. (Currently Amended) The exchanger of claim 1, wherein the heat exchanging plate is plates are formed with an aluminum plate or paper materials.
3. (Currently Amended) The exchanger of claim 1, wherein the first and second heat exchange members are positioned in a corrugated shape to secure the first and second air paths among the heat exchanging plates, and each is formed with an aluminum material of the mesh type so that the outdoor and indoor air flowed to the first and second air paths can pass from the

upper surface to the lower surface of the heat exchange members, or from the lower surface to the upper surface.

4. (Currently Amended) The exchanger of claim 3, wherein the first and second heat exchange members are positioned ~~just at~~ a predetermined angle slanted from the direction that the air flows.

5. (Original) The exchanger of claim 4, wherein the first and second heat exchange members are positioned 30°-60° slanted from the direction that the air flows.

6. (Currently Amended) The exchanger of claim 1, wherein the first and second heat exchange members are positioned ~~in a corrugated shape~~ to secure the first and second air paths among the heat exchanging plates, and ~~each~~ is formed in a plate type ~~that a plurality of through holes are formed therein~~, so that the outdoor and indoor air flowed to the first and second air paths can pass from the upper surface to the lower surface of the heat exchange members, or from the lower surface to the upper surface.

7. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are formed with aluminum or paper materials.

8. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are formed with a porous resin film.

9. (Currently Amended) The exchanger of claim 6, wherein the first and second heat exchange members are positioned ~~just at~~ a predetermined angle slanted from the direction that the air flows.

10. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are positioned 30°-60° slanted from the direction that the air flows.

11. (New) The exchanger of claim 6, wherein the first plurality of through holes of each first wall portion are arranged in three rows extending along the longitudinal direction of the first wall portion and the second plurality of through holes of each second wall portion are arranged in three rows extending along the longitudinal direction of the second wall portion.